

(i) The weight assigned to 1.00 equals  $\frac{K_A - A}{D - A}$ .

(ii) The weight assigned to  $K_{SSFA}$  equals  $\frac{D - K_A}{D - A}$ . The specific risk-weighting

factor will be set equal to:

$$SRWF = 100 \times \left[ \left( \frac{K_A - A}{D - A} \right) \times 1.00 \right] + \left[ \left( \frac{D - K_A}{D - A} \right) \times K_{SSFA} \right]$$

(d) SSFA equation. (1) The bank must define the following parameters:

$$K_A = (1 - W) \cdot K_G + (0.5 \cdot W)$$

$$\alpha = -\frac{1}{p \cdot K_A}$$

$$u = D - K_A$$

$$l = A - K_A$$

$e = 2.71828$ , the base of the natural logarithms.

(2) Then the bank must calculate  $K_{SSFA}$  according to the following equation:

$$K_{SSFA} = \frac{e^{\alpha u} - e^{\alpha l}}{\alpha (u - l)}$$

(3) The specific risk-weighting factor for the position (expressed as a percent) is

equal to  $K_{SSFA} \times 100$ .